

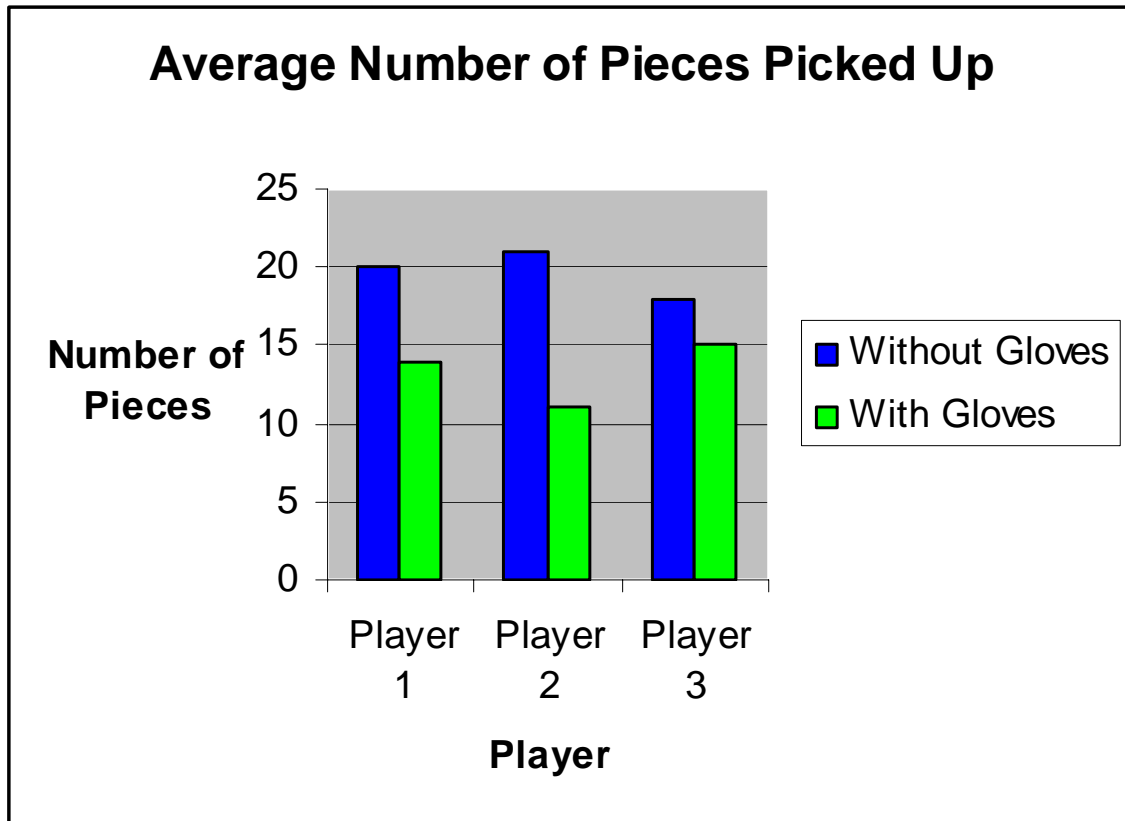
## Perfection® in Space – Additional Teacher Resources

### Sample Data, Line Graphs, and Bar Graphs:

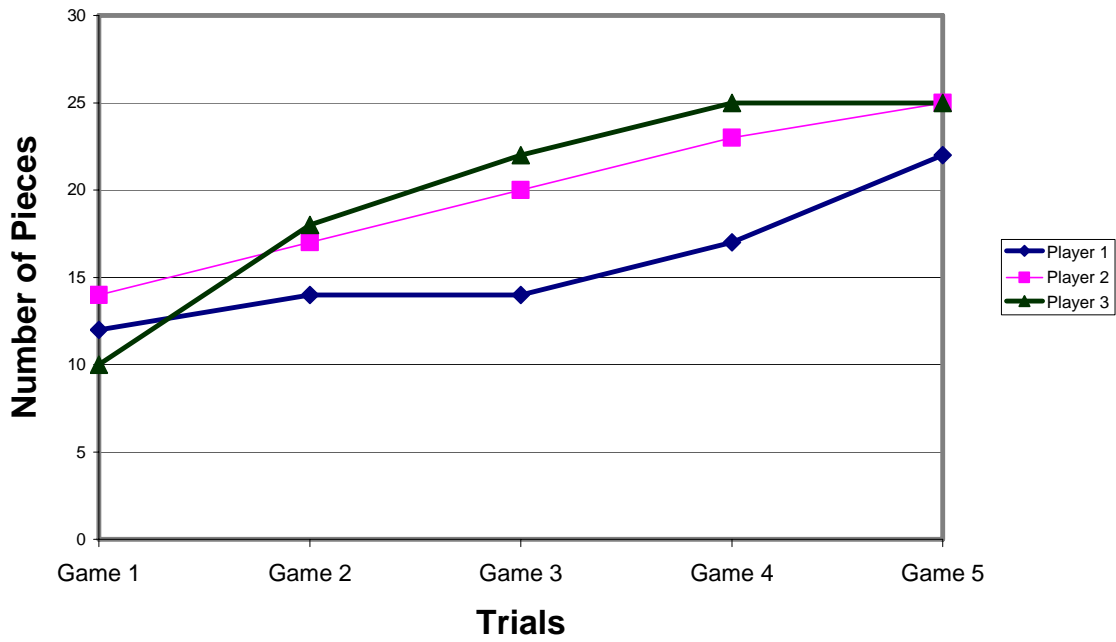
I made some charts using Excel to give you an idea of how the students should set up their bar and line graphs after they have collected all their data. I have also included some graphing templates if you want your students to use them.

#### Things to look for in a completed graph:

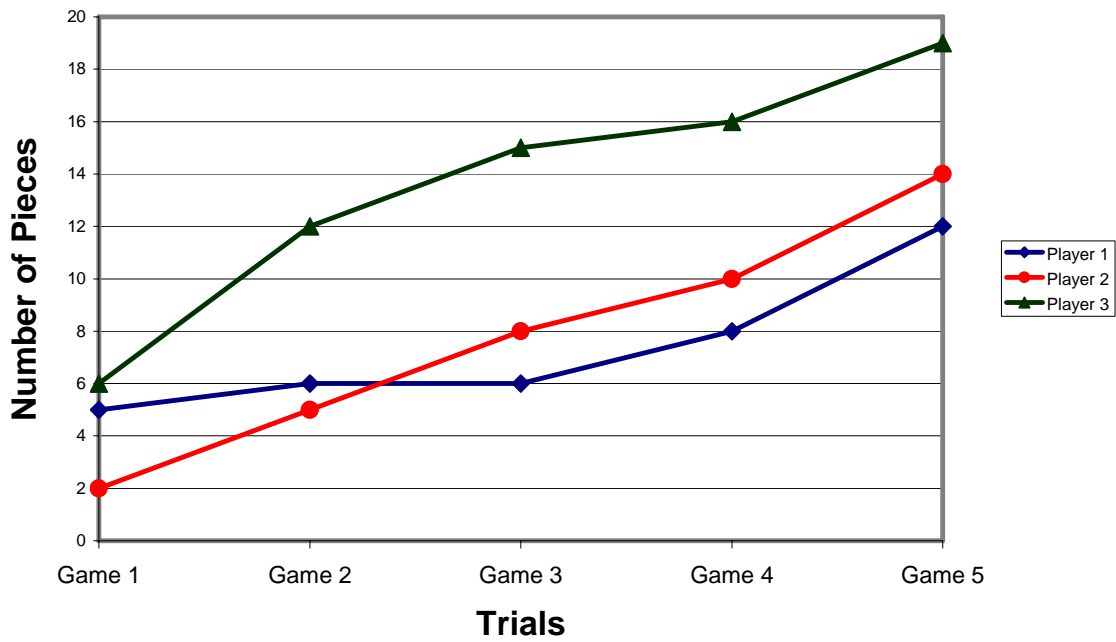
- Title for Graph
- x-axis title
- y-axis title
- key
- increments should be evenly spaced on both the x-axis + y-axis



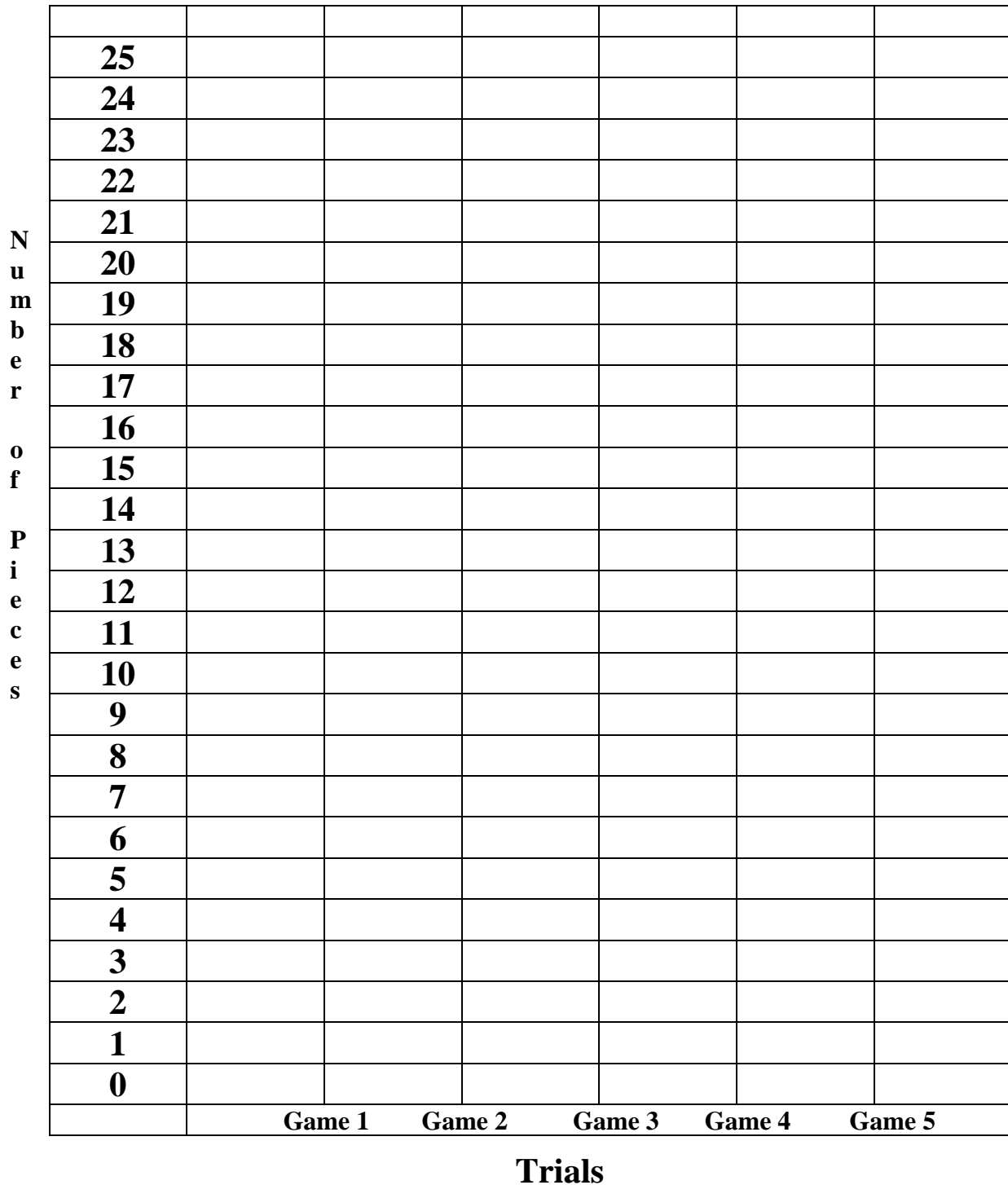
## Perfection - Without Gloves



## Perfection - With Gloves

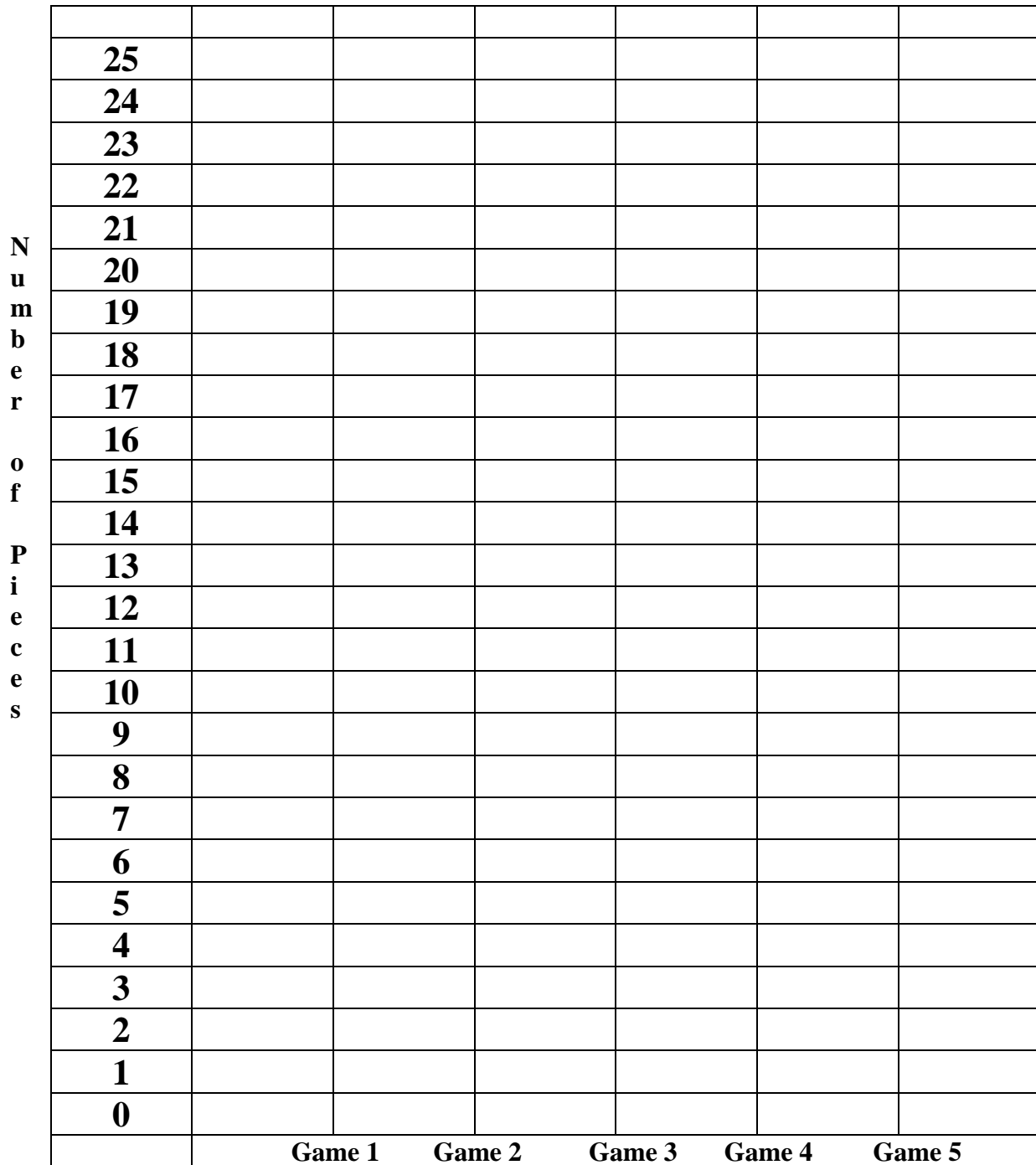


## Line Graph: Perfection Without Gloves



<b>Key:</b>		
Player 1 <input style="width: 50px; height: 20px;" type="text"/>	Player 2 <input style="width: 50px; height: 20px;" type="text"/>	Player 3 <input style="width: 50px; height: 20px;" type="text"/>

## Line Graph: Perfection With Gloves



### Trials

<b>Key:</b>		
<b>Player 1</b> <input style="width: 50px; height: 20px;" type="text"/>	<b>Player 2</b> <input style="width: 50px; height: 20px;" type="text"/>	<b>Player 3</b> <input style="width: 50px; height: 20px;" type="text"/>

## Bar Graph: Average Number of Pieces Picked Up

N u m b e r  o f  P i e c e s	25						
	24						
	23						
	22						
	21						
	20						
	19						
	18						
	17						
	16						
	15						
	14						
	13						
	12						
	11						
	10						
	9						
	8						
	7						
	6						
	5						
	4						
	3						
	2						
	1						
	<b>Without</b>	<b>With</b>	<b>Without</b>	<b>With</b>	<b>Without</b>	<b>With</b>	
	<b>Player 1</b>		<b>Player 2</b>		<b>Player 3</b>		

**Directions:** Place a mark next to your average number of pieces picked up for your class period.

**Data Table: Average Number of Pieces Picked up Without Gloves**

	Per. ____	Per. ____	Per. ____	Per. ____	Per. ____	Total
25						
24						
23						
22						
21						
20						
19						
18						
17						
16						
15						
14						
13						
12						
11						
10						
9						
8						
7						
6						
5						
4						
3						
2						
1						
0						

**Directions:** Place a mark next to your average number of pieces picked up for your class period.

**Data Table: Average Number of Pieces Picked up With Gloves**

	Per. ____	Per. ____	Per. ____	Per. ____	Per. ____	Total
25						
24						
23						
22						
21						
20						
19						
18						
17						
16						
15						
14						
13						
12						
11						
10						
9						
8						
7						
6						
5						
4						
3						
2						
1						
0						

**Directions:** Place an “X” next to the average number of pieces for without and with gloves.

**Double Sided Stem and Leaf Plot for Average Number of Pieces Picked Up From All Classes: With and Without Gloves.**

Without Gloves		With Gloves
	25	
	24	
	23	
	22	
	21	
	20	
	19	
	18	
	17	
	16	
	15	
	14	
	13	
	12	
	11	
	10	
	9	
	8	
	7	
	6	
	5	
	4	
	3	
	2	
	1	